Environmental Management System (EMS)

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What is an Environmental Management System (EMS)?

A Formal and Documented Approach to:

- **Plan, implement and integrate installation sustainability**
- **Emphasize**
  - **environmental stewardship**
  - **compliance**
  - **pollution prevention programs.**

The right people doing the right things at the right time

Why Implement an EMS?

- Mandated by Presidential Executive Order, DoD and DA Memorandums, AR 200-1 and AFI 32-7001
- Integrate environmental requirements into planning considerations
- Maximize environmental compliance ~ minimize potential for environmental violations/penalties
- Support the installation's Sustainability Program
- Support the installation's effort to remain one of the Army's premier training areas

JBLM/PW EMS

- **JBLM Conformant**
- **PW Third Party Certified**

Integration

Sustainability ~ *Strategic Planning*

- Strategic planning arm for the long-term viability of the installation as a training platform
- Cross functional teams
- PAIO – integrates into Garrison strategic plan

Environmental Management System (EMS)

~ Operational Implementation

- Organizational EMS
  - Directorates, External Command Organizations and Contractors
  - Assigns objectives and targets to be achieved in support of Installation Sustainability Program (ISP)
  - Semi-annual EMS Management Review
- Environmental Operating Permit (EOP)
  - Military units
  - Condenses applicable environmental regulations into usable format
  - Develops Objectives and Targets in support of ISP

JBLM Sustainability Goals
(V3:2011)

Air Quality

1. **Reduce installation stationary source and non-tactical motor vehicle air emissions 85% by 2025**

Energy

2. **Achieve a secured NET ZERO ENERGY installation by 2020**

Sustainable Community

3. **Create sustainable neighborhoods for a livable JBLM community that enhances the Puget Sound Region**

Products and Materials

4. **Achieve a NET ZERO WASTE installation by 2020**

Sustainable Training Lands

5. **Maintain the ability of JBLM to meet its current and future military missions without compromising the integrity of natural and cultural resources, both on the installation and regionally**
6. **Recover all listed and candidate federal species in the South Puget Sound Region**

Water Resources

7. **Achieve a secured NET ZERO WATER installation by 2020**

EMS Metrics

1. **ENVIRONMENTAL ASPECTS: Annually review previously identified significant aspects.**

2. **Establish Sustainable Practices.**

3. **OBJECTIVES, AND TARGETS, and PROGRAMS: Establish, implement and maintain measurable mission-focused objectives, targets and programs. (Review Annually)**

4. **Environmental Training: Establish, implement and maintain a procedure to identify training requirements and provide competence training to those individuals performing tasks for or on the installation's behalf that have the potential to cause a significant environmental impact. (Ongoing)**

5. **Operational Controls: Establish, implement and maintain documented operational controls. Review them annually and update as appropriate.**

6. **Contracts, Concessionaire and Support Agreements : Establish a procedure to identify appropriate contracts and integrate EMS requirements in accordance with ISO 14001. Verify that contractors, suppliers, and tenants are fulfilling their defined roles and responsibilities. (Ongoing)**

7. **Evaluation of Compliance with Regulatory Requirements. (Ongoing)**

8. **Management Review Annually conduct at least one documented review of the EMS with senior leadership.**

Senior Leader Involvement

- **Senior Leadership is engaged in both the strategic and operational process through:**
  - **Installation Sustainability Board (strategic)**
    - **Update of Sustainability goals and milestones**
    - **Made aware of policy, resources and operational conflicts for resolution guidance/ influence**
    - **Provide input for future actions**
  - **Installation Environmental Management System Review (operational)**
    - **Engage installation organizations in support of strategic plans and vision**
    - **Update of operational objectives and supporting actions toward achievement of strategic goals**

EMS Organizations

- RMO
- DOL
- SAFETY
- DLA DS
- COMMISSARY
- Madigan (DENTAC)
- PHCR- West
- DES
- DFMWR
- DPTMS
- YTC
- JPPSO-Lewis
- NEC
- DHR
- MICC DOC
- DPW
- PAIO

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QUESTIONS?

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